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TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTORNEY'S DOCKET NUMBER 20004/67-US

MISTAPPHICATION (NO Alf known), see 37 CFR 1.5)

CONCERNING A SUBMISSIO	ON UNDER 35 U.S.C. 371	10/240011					
INTERNATIONAL APPLICATION NO. PCT/US03/14970	INTERNATIONAL FILING DATE May 13, 2003	PRIORITY DATE CLAIMED December 27, 2002					
TITLE OF INVENTION	D APPARATUS FOR TRAN						
APPLICANT(S) FOR DO/EO/US							
	amy et al. ates Designated/Elected Office (DO/EC	O/US) the following items and other information:					
1. This is a FIRST submission of items of	oncerning a submission under 35 U.S.C. 37	ı.					
2. This is a SECOND or SUBSEQUENT s	submission of items concerning a submission	n under 35 U.S.C. 371.					
3. This is an express request to begin nat (5), (6), (9) and (21) indicated below.	ional examination procedures (35 U.S.C. 37	1(f)). The submission must include items					
4.							
5. A copy of the International Application	on as filed (35 U.S.C. 371(c)(2))	•					
a. X is attached hereto (required	d only if not communicated by the Internatio	nal Bureau).					
b. has been communicated by	y the International Bureau.						
c. is not required, as the appl	ication was filed in the United States Receiv	ing Office (RO/US).					
6. An English language translation of the	ne International Application as filed (35 U.S.	C. 371(c)(2)).					
a. is attached hereto.							
	itted under 35 U.S.C. 154(d)(4).						
N-3	emational Application under PCT Article 19	(35 U.S.C. 371(c)(3))					
a. A are attached hereto (requ	ired only if not communicated by the Interna	itional Bureau).					
	by the International Bureau.						
	vever, the time limit for making such amend	nents has NOT expired.					
d. L. have not been made and							
	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
	An eath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT						
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	ne annexes of the International Preliminary (Examination Report under PC1					
Items 11 to 20 below concern document(s) or information included:						
11. An Information Disclosure Statemen	t under 37 CFR 1.97 and 1.98.	·					
12. An assignment document for record	ing. A separate cover sheet in compliance v	oith 37 CFR 3.28 and 3.31 is included.					
13. A preliminary amendment.	٠,,	:					
14. An Application Data Sheet under 37	CFR 1.76.						
15. A substitute specification.							
16. A power of attorney and/or change of	of address letter.						
17. A computer-readable form of the sec	quence-listing-in-accordance-with-PCT-Rule	-13ter-2-and-37-CFR-1-821-1-825.					
	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
	age translation of the international application						
20. Other items or information: Resp	onse to Invitation	to Correct Defects (Figs					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JC20 Rec'd PCT/PTO 2 4 JUN 2005-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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U.S. APPLICATI	CATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.		PLICATION NO.	ATTORNEY'S DOCKET NUMBER			
1	10/540611 PCT/US03/14970		20004/67-US				
The following fees have been submitted					\$ 2.00	PTO USE ONLY	
21. 🛭 Basic	21. Basic national fee\$300						
22. X Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 100		
23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 100		
TOTAL OF 21, 22 and 23 =					\$ 500	· 1	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets		n additional 50 or fraction up to a whole number)	RATE			
- 100 =	/50 =			x \$250	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$		
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$		
Total claims		1 1 2- 20 =	92	x \$ 50	\$ 4600		
Independent clair	ns	5 - 3 =	2	x \$200	\$ 400		
MULTIPLE DEPE	NDENT CLAIM(S	S) (if applicable)	÷	+ \$360	\$		
			TOTAL OF ABOVE	CALCULATIONS =	\$ 5000		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							
SUBTOTAL =					\$ 5500		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$		
TOTAL NATIONAL FEE =					\$ 5500		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					\$		
TOTAL FEES ENCLOSED =					\$ 5500		
					Amount to be refunded:	\$	
			Amount to be charged:	\$			
a. A check in the amount of \$ 5500 to cover the above fees is enclosed.							
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.50 – 2455A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form, Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed							
and granted to	restore the Inten	national Applicat	ion to pending status.			/	
SEND ALL CORRESPONDENCE TO:							
SIGNATURE							
					G. Hanley		
	NAME					·	
	. 44,73						
		ION NUMBER					